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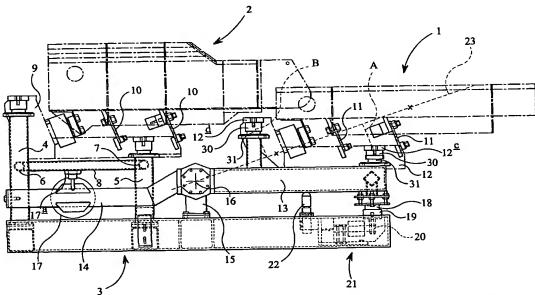
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(54) Title: VIBRATORY CONVEYOR



(57) Abstract: A vibratory conveyor is provided which comprises a machine frame, a twoarmed lever mounted on the frame for pivotal movement about an axis, a reaction base mounted on one arm of the lever, and a conveyor element for conveying a product from one end to the other. Leaf springs are connected between the conveyor element and the reaction base and arranged to vibrate so as to cause the conveyor element to convey product. A sensor is disposed between the said one arm and the machine frame for sensing the weight of product on the conveyor element. The lever and conveyor element are so arranged that a line connecting the axis of pivotal movement of the lever and the centre of mass of the conveyor element runs perpendicular to the length of the leaf springs.